

**DETAILED ACTION**

***Response to Amendment***

1. In response to the Office Action mailed September 11, 2009, applicant submitted an amendment filed on October 2, 2009, in which the applicant amended and requested reconsideration.

***Allowable Subject Matter***

2. **Claims 1-2, 5-14, 17-26 and 29-37** are allowed.

The following is a statement of reasons for allowance:

As for independent claims 1, 13, 25 and 35, they recite a system for processing a text document. Prior art such as Brecher and Shanahan show similar systems but fails to teach the recited system of adding the recognized chemical name fragment to a vector of chemical name fragments, where the chemical name fragment is identified by a vector index variable, initializing the chemical name fragment vector index variable, incrementing the chemical name fragment vector index variable, where the incrementing continues at least until no chemical name fragments remain, setting a string combination to include the chemical name fragments identified by the initialized and incremented chemical name fragment vector index variables, and adding the string combination to a vector c as the complete chemical name

Dependent claims 2, 5-12, 14, 17-24, 26, 29-34, 36-37 are allowed because they further limit their parent claims.

***Conclusion***

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JAKIEDA R. JACKSON whose telephone number is (571)272-7619. The examiner can normally be reached on Monday-Friday from 5:30am-2:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Hudspeth can be reached on 571-272-7843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jakieda R Jackson/  
Examiner, Art Unit 2626  
October 8, 2009

/David R Hudspeth/  
Supervisory Patent Examiner, Art Unit 2626